



SEQUENCE LISTING

<110> Silvia, Christopher
Yu, Weifeng
IOAgen, Inc.

<120> Identification and Expression of Human Kir5.1

<130> 018512-000410US

<140> US 09/623,304

<141> 2001-02-21

<150> US 60/076,612

<151> 1998-03-03

<150> WO PCT/US99/04549

<151> 1999-03-02

<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 383

<212> PRT

<213> Homo sapiens

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<223> human Kir5.1 alpha subunit monomer of inward
rectifier potassium channel

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<221> PEPTIDE

<222> (351)..(383)

<223> tail region

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 Arg Asp Gly Lys Leu Cys Leu Met Trp Arg Ile Gly Asp Phe Arg Pro
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 210 215 220
 Glu Asp Ser Glu Gly Arg Met Thr Met Ala Phe Lys Asp Leu Lys Leu
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 Val Asn Asp Gln Ile Ile Leu Val Thr Pro Val Thr Ile Val His Glu
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 Ile Asp His Glu Ser Pro Leu Tyr Ala Leu Asp Arg Lys Ala Val Ala
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 Lys Asp Asn Phe Glu Ile Leu Val Thr Phe Ile Tyr Thr Gly Asp Ser
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 Thr Gly Thr Ser His Gln Ser Arg Ser Ser Tyr Val Pro Arg Xaa Ile
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 Pro Phe Cys Ser Ala Lys Gln Leu Asp Trp Lys Asp Gln Gln Leu His
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 rectifier potassium channel

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 <222> (1279)
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<220>
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